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Datasheet for ABIN6991219
anti-SLAIN2 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	SLAIN2
Binding Specificity:	AA 70-120, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLAIN2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	SLAIN2 antibody was raised against a 14 amino acid synthetic peptide near the amino terminus of human SLAIN2. The immunogen is located within amino acids 70 - 120 of SLAIN2.
Isotype:	IgG
Specificity:	SLAIN2 antibody is predicted not to cross-react with SLAIN1.
Purification:	SLAIN2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SLAIN2
Alternative Name:	SLAIN2 (SLAIN2 Products)
Background:	SLAIN2 Antibody: SLAIN2 is closely related to SLAIN1, a novel stem cell protein that is

Target Details

expressed at the stem cell and epiblast stages. Unlike SLAIN1, SLAIN2 is widely expressed and is thought to play a role in regulating microtubule (MT) growth and organization. SLAIN2 binds to end-binding proteins (EBs), cytoplasmic linker proteins (CLIPs) such as CLIP170, CLIP-associated proteins, and interacts with the MT polymerase ch-TOG. Depletion of SLAIN2 using RNAi led to disorganization of the radial MT array, indicating its importance in the regulation of MT growth and organization.

Molecular Weight: 64 kDa

Gene ID: 57606

UniProt: [Q9P270](#)

Application Details

Application Notes: SLAIN2 antibody can be used for detection of SLAIN2 by immunohistochemistry at 5 µg/mL.

Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SLAIN2 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SLAIN2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.